

Fig.01 Schematic of Wire port

Unscrew the back cover anticlockwise to view the terminal block

Rotatable display direction, if the installation scene requires rotation of display direction, please contact FixInst service team

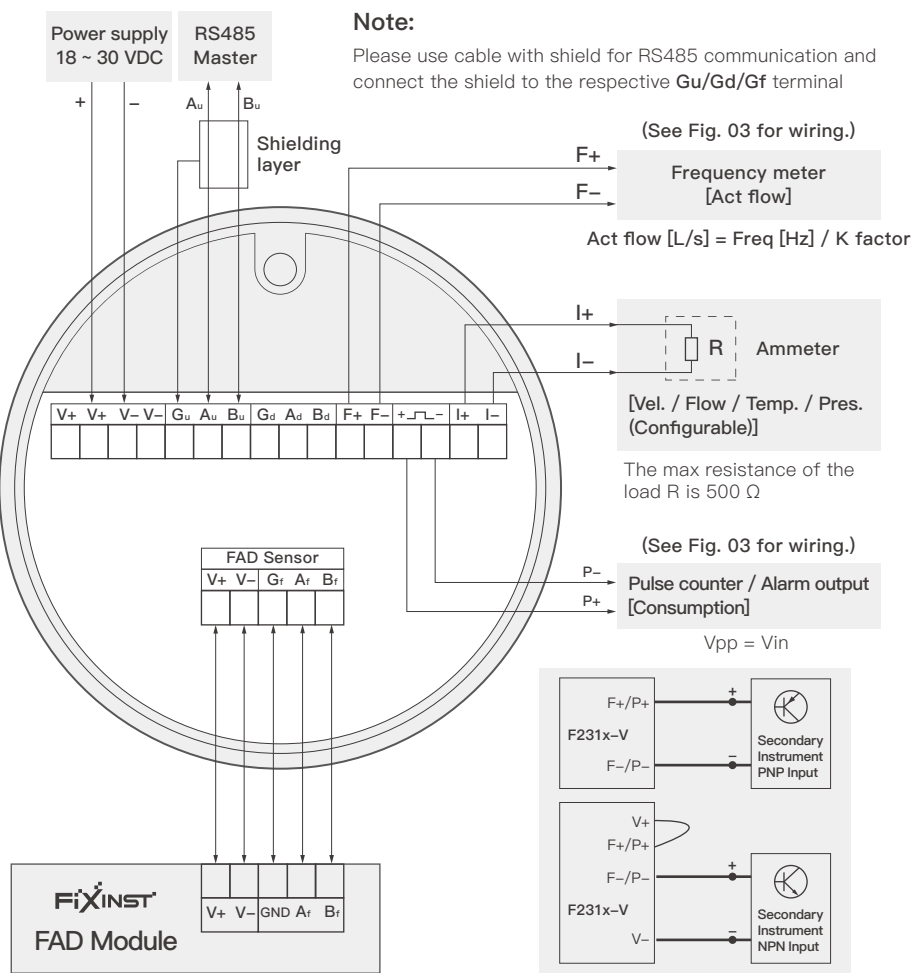


Fig.02 Standard flow meter connection

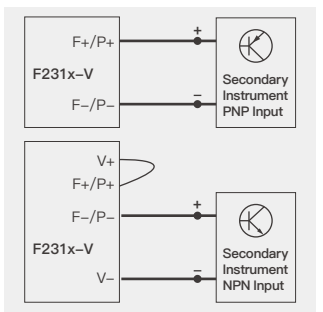


Fig.03 Pulse/Frequency Port Connection with Secondary Instrument

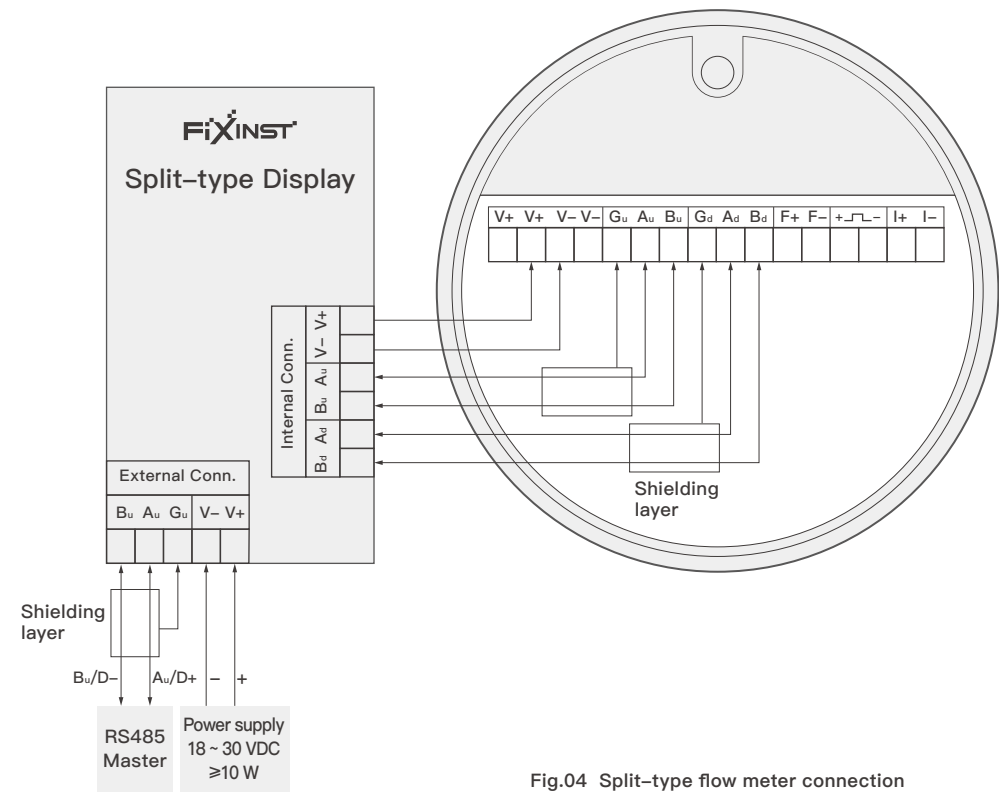


Fig.04 Split-type flow meter connection

www.fixinstruments.com

FIX Instruments Europe AB

Add: Diabasgatan 12, 25468 Helsingborg, Sweden

E-mail: sales@fixinstruments.com

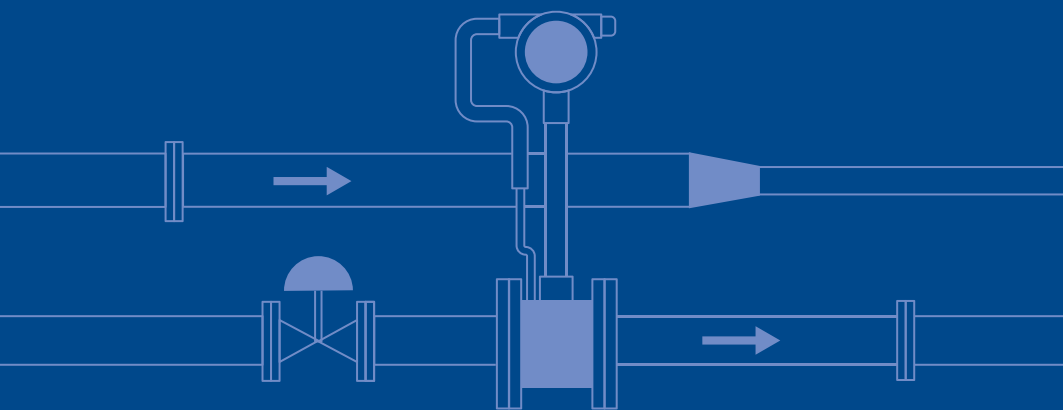
Download the Bluetooth APP



F231x-V Series

QUICK GUIDE

| Vortex Flow Meter |

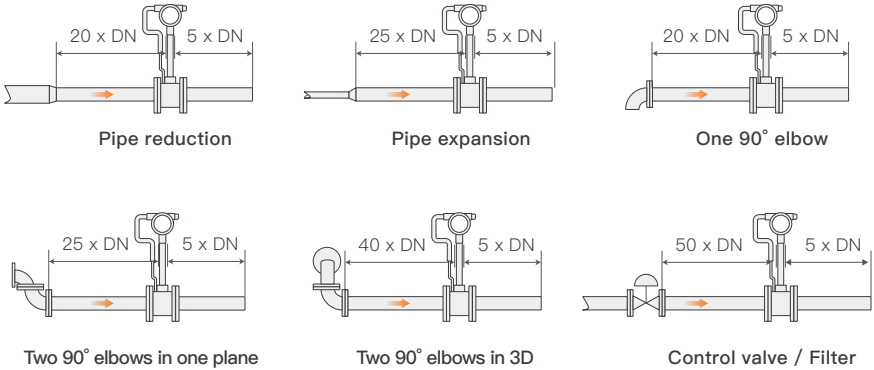


— Experts in compressed air & fluid measurement —

PRE-INSTALLATION

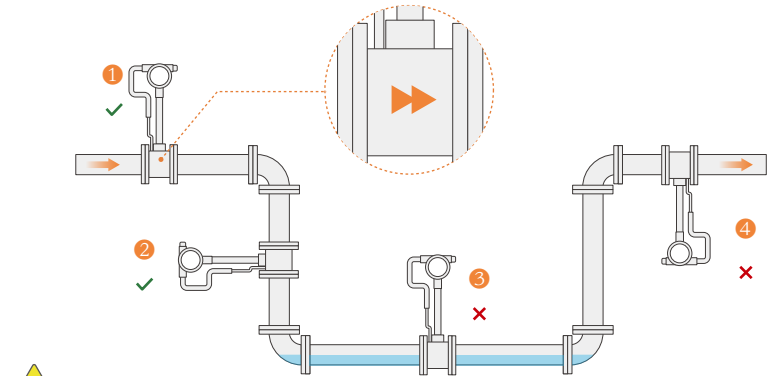
01

Recommended inlet and outlet straight section



Installation direction and attention

Please install flow meter according to marked flow direction **▶ FLOW ▶**
Please don't install upside-down and at low position of the piping system



ATTENTION

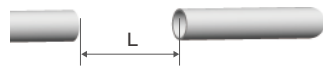
- Attention to thermal radiation. Outdoor installation requires additional sunshade
- Prevent instrument exposure to corrosive gases
- Prevent strong pipe vibration, if the pipe vibration is excessive, please implement pipe-fixing action
- Prevent installation operations and electrical connections in flammable, explosive, and other dangerous environments

INSTALLATION

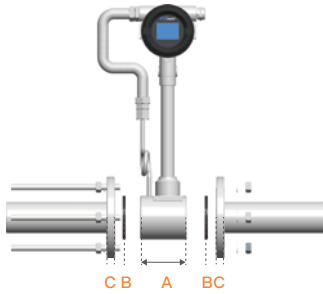
02-A

F231A-V Wafer-Style

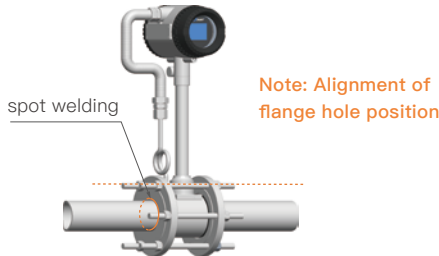
Note: Please use the supporting pipe flange of the product



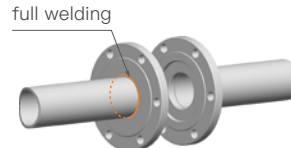
Step 01
Before installation, please confirm that the pipe reservation length **L** is consistent with the flow meter installation specifications



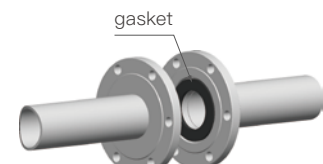
Pipe reservation length **L = A + 2B - 14mm**
A: Product Length B: Gaskets Thickness



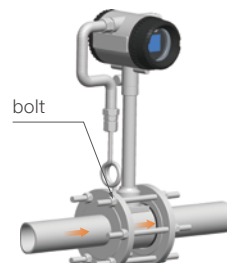
Step 02
Install flow meter, gasket, flange in the pipe and spot weld flange



Step 03
Remove flow meter and gasket, full welding flange



Step 04
After the weld has cooled, insert a gasket on each side of the flange, noting that the gasket must be centered and not extend out of the pipe's inner wall



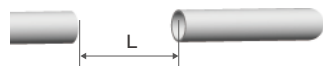
Step 05
Installed into the flow meter (note the direction of the logo on the flowmeter, and the flowmeter body and the pipe must be aligned). Use bolts to fix the flowmeter. Installation complete

INSTALLATION

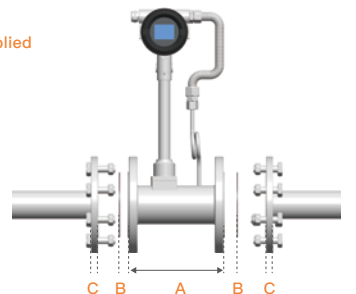
02-B

F231B-V Flange-Style

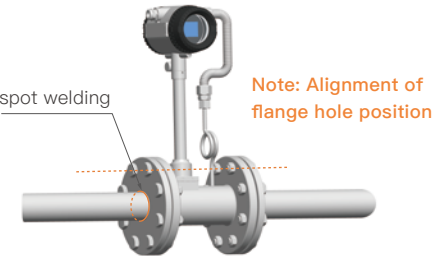
Note: Flange-Style requires gaskets and pipe flanges supplied by the customer



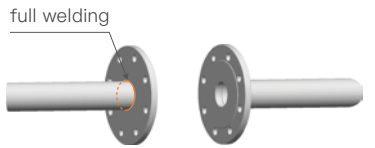
Step 01
Before installation, please confirm that the pipe reservation length **L** is consistent with the flow meter installation specifications



Pipe reservation length **L = A + 2B + 2C**
A: Product Length B: Gaskets Thickness
C: Flange Thickness



Step 02
Install flow meter, gasket, flange in the pipe and spot weld flange



Step 03
Remove flow meter and gasket, full welding flange



Step 04
After the weld has cooled, insert a gasket on each side of the flange, noting that the gasket must be centered and not extend out of the pipe's inner wall



Step 05
Installed into the flow meter (note the direction of the logo on the flowmeter, and the flowmeter body and the pipe must be aligned). Use bolts to fix the flowmeter. Installation complete